

bearings for rotatably supporting the hub for rotations about the shaft, the bearings being located at least in part axially outside the well and radially within the hub;

a magnet supported on a lower portion of the hub,
the housing comprising upper and lower casing sections fixed together to define the enclosed housing,

the lower casing defining a well,

a stator having a plurality of windings supported from an inner surface of the well and cooperating with the magnet to cause rotation of the hub.

10. A motor assembly as claimed in claim 9 wherein the magnet and stator are radially aligned and located within the well.

11. A motor assembly as claimed in claim 9 wherein the magnet comprises an annular ring including a magnetic material, the ring being magnetized to include a multiplicity of poles.

12. The motor of claim 9 wherein the spindle hub includes the first support surface for supporting one or more discs comprising a section of the hub thicker than the remainder of the hub.

13. A motor assembly as claimed in claim 12 wherein the magnet comprises an annular ring including a magnetic material, the ring being magnetized to include a multiplicity of poles.

14. A motor assembly as claimed in claim 10 wherein the magnet comprises an annular ring including a magnetic material, the ring being magnetized to include a